

ABSTRACT

Thermoplastic polyether polyurethane polymers are disclosed which are mixed with a non-polyether crosslinking agent to achieve long run times in a melt spinning process to make elastic fibers. The crosslinking agent is preferably a polyester polyol reacted with a diisocyanate. A melt spinning process is also disclosed using a polyether polyurethane with a polyester crosslinking agent. Long melt spinning run times can be achieved without experiencing excessive pressure buildup in the spinneret and fiber breakage.